## UTILITIES SCOPING CHECKLIST (Add additional notes as required)

County Route Federal Project Number

## Conceptual Study

	Coordinate with utility for any project specific information Identify potential "natural" conflicts such as hazardous waste sites, underground storage tanks, cisterns, wells, and ponds Consider candidacy for Subsurface Utility Engineering (SUE)
Preliminary Plan	
	Perform field check Consider potential conflicts at bridges, retaining walls, pile driving, crane operations, excavation, embankment, muck removal, channel cleanout, borrow areas, paving, signalization, lighting, signing, buildings, (asbestos removal), merchantable timber (will utility's removal of timber conflict with agreements made by right of way office or legal? etc.)
	Identify easements utility may request the Local Agency to acquire.  Consider seasonal restrictions the utility may have for relocating facilities.  Evaluate whether or not utility can use common trench with other utilities.  Consider necessary staging with other utilities.  Consider the need for a corridor greater than 6' to accommodate utilities.  Consider relocation of utilities by the roadway contractor.  Consider necessary environmental clearances beyond original survey scope if roadway contractor is relocating utilities.  Consider utilities attached to bridges.  Evaluate need to relocate facilities after some of the roadway contractor's work.  Consider roadway and bridge design alternatives to minimize or avoid utility conflicts.
Rig	ht of Way Plan
	Identify the project's utility affected parcels and inform the right of way office Review preliminary cross sections to determine impacts on utilities Consider the impact of abrupt changes in right of way